ABSTRACT

The invention described herein encompasses (1) artificial preproproteins and the polynucleotides encoding them, (2) methods for producing these biomolecules, and (3) methods for their use. The artificial preproproteins of this invention comprise a protein assembly capable of producing a multimeric protein from a single protein. Figure 4 illustrates generally the process by which a polynucleotide encoding the artificial preproprotein is introduced into a cell and a biomolecule of interest is produced.